

Bioactive

Full-Length

LGALS3 (Human) Recombinant Protein

Catalog # P8665

Size 25 ug

Specification

Product Description	Human LGALS3 full-length recombinant protein with His tag in N-terminus expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMADNFSLHDALSGSGNPNPQGWP GAWGNQPAGAGGYPGASY PGAYPGQAPPGAYPGQAPPGAYPGAPGAYPGAPGVYPGPPSGPGAYPSSGQPSATGAYPAT GPYGAPAGPLVPYNLPLPGGVPRMLITILGTVKPNANRIALDFQRGNDVAFHFNPRFNENNRRI VCNTKLDNNWGREERQSVFPFESGKPFKIQVLVEPDHFKVAVNDAHLLQYNHRVKKLNEISKLGI SGDIDLTSASYTMI
Host	Escherichia coli
Theoretical MW (kDa)	28.3
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Activity	ED ₅₀ ≤ 2.5 ug/mL, measured by the ability to agglutinate human red blood cells.
Storage Buffer	Solution (0.5 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 10% glycerol, 0.1 M NaCl, 1 mM DTT.
Storage Instruction	Store at 4°C for 2-4 weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

Gene Info — LGALS3

Entrez GeneID	3958
Protein Accession#	P17931
Gene Name	LGALS3
Gene Alias	CBP35, GAL3, GALBP, GALIG, LGALS2, MAC2
Gene Description	lectin, galactoside-binding, soluble, 3
Omim ID	153619
Gene Ontology	Hyperlink
Gene Summary	lectin
Other Designations	IgE-binding protein MAC-2 antigen carbohydrate-binding protein 35 galactose-specific lectin 3 galactin 3 galectin-3 internal laminin-binding protein

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